

**ABSTRACT OF THE DISCLOSURE**

**A temperature adjusting device of the present invention is provided with: LED light sources 11r, 11g and 11b; a temperature sensor 9 for detecting an ambient temperature of each of the LED**  
5 **light sources 11r, 11g and 11b; a cooling fan 20 for cooling the LED light sources 11r, 11g and 11b; a driving circuit 22 for driving the cooling fan 20; and a control unit 4 which on/off controls a voltage to be applied to the cooling fan 20 so as to set the ambient temperature within a predetermined range based upon results of**  
10 **detection by a temperature sensor 9, and in this arrangement, upon on/off controlling the applied voltage, the control unit 4 is allowed to gradually raise/lower the applied voltage.**